



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/804,271	03/18/2004	John A. Damm JR.	18767-1/P01

CONFIRMATION NO. 7805

FORMALITIES LETTER



OC000000013319633

Date Mailed: 07/23/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

09/08/2004 HAL111 00000113 10804271

FILED UNDER 37 CFR 1.53(b)

01 FC:2051

65.00 OP

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 1-11c.

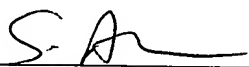
SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/804,271	
	Filing Date	03/18/2004	
	First Named Inventor	John A. Damm Jr.	
	Art Unit	2171	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	13	Attorney Docket Number	18767-1/P01

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached # 157125 <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Return Receipt Postcard
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	David E. Heisey, Registration No. 42,651 Luce, Forward, Hamilton & Scripps LLP	
Signature		
Date	9-1-2004	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Leigh A. Coleman	
Signature		Date 9-3-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004		Complete if Known	
SEP 07 2004 Effective 10/01/2003. Patent fees are subject to annual revision.		Application Number	10/804,271
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	03/18/2004
TOTAL AMOUNT OF PAYMENT \$ 65.00		First Named Inventor	Damm Jr.
		Examiner Name	Unassigned
		Art Unit	2171
		Attorney Docket Number	18767-1/P01

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																									
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES																																																																																																																									
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 50-2298 Deposit Account Name: Luce, Forward, Hamilton & Scripps LLP																																																																																																																											
The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.																																																																																																																											
FEE CALCULATION																																																																																																																											
1. BASIC FILING FEE																																																																																																																											
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td></tr></tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	1002	340	2002	170	1003	530	2003	265	1004	770	2004	385	1005	160	2005	80																																																																																														
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																								
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																								
1001	770	2001	385																																																																																																																								
1002	340	2002	170																																																																																																																								
1003	530	2003	265																																																																																																																								
1004	770	2004	385																																																																																																																								
1005	160	2005	80																																																																																																																								
SUBTOTAL (1) (\$)																																																																																																																											
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																																																																																																											
Total Claims <input type="text"/> -20**= <input type="text"/> 0 x <input type="text"/> = <input type="text"/>																																																																																																																											
Independent Claims <input type="text"/> -3**= <input type="text"/> 0 x <input type="text"/> = <input type="text"/>																																																																																																																											
Multiple Dependent <input type="text"/>																																																																																																																											
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td></tr></tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	1201	86	2201	43	1203	290	2203	145	1204	86	2204	43	1205	18	2205	9																																																																																														
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																								
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																								
1202	18	2202	9																																																																																																																								
1201	86	2201	43																																																																																																																								
1203	290	2203	145																																																																																																																								
1204	86	2204	43																																																																																																																								
1205	18	2205	9																																																																																																																								
SUBTOTAL (2) (\$)																																																																																																																											
**or number previously paid, if greater; For Reissues, see above																																																																																																																											
		3. ADDITIONAL FEES																																																																																																																									
		<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td></tr><tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td></tr><tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td></tr><tr><td>1503</td><td>640</td><td>2503</td><td>320</td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td></tr><tr><td>1809</td><td>770</td><td>2809</td><td>385</td></tr><tr><td>1810</td><td>770</td><td>2810</td><td>385</td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td></tr></tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	1052	50	2052	25	1053	130	1053	130	1812	2,520	1812	2,520	1804	920*	1804	920*	1805	1,840*	1805	1,840*	1251	110	2251	55	1252	420	2252	210	1253	950	2253	475	1254	1,480	2254	740	1255	2,010	2255	1,005	1401	330	2401	165	1402	330	2402	165	1403	290	2403	145	1451	1,510	1451	1,510	1452	110	2452	55	1453	1,330	2453	665	1501	1,330	2501	665	1502	480	2502	240	1503	640	2503	320	1460	130	1460	130	1807	50	1807	50	1806	180	1806	180	8021	40	8021	40	1809	770	2809	385	1810	770	2810	385	1801	770	2801	385	1802	900	1802	900
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																								
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																								
1051	130	2051	65																																																																																																																								
1052	50	2052	25																																																																																																																								
1053	130	1053	130																																																																																																																								
1812	2,520	1812	2,520																																																																																																																								
1804	920*	1804	920*																																																																																																																								
1805	1,840*	1805	1,840*																																																																																																																								
1251	110	2251	55																																																																																																																								
1252	420	2252	210																																																																																																																								
1253	950	2253	475																																																																																																																								
1254	1,480	2254	740																																																																																																																								
1255	2,010	2255	1,005																																																																																																																								
1401	330	2401	165																																																																																																																								
1402	330	2402	165																																																																																																																								
1403	290	2403	145																																																																																																																								
1451	1,510	1451	1,510																																																																																																																								
1452	110	2452	55																																																																																																																								
1453	1,330	2453	665																																																																																																																								
1501	1,330	2501	665																																																																																																																								
1502	480	2502	240																																																																																																																								
1503	640	2503	320																																																																																																																								
1460	130	1460	130																																																																																																																								
1807	50	1807	50																																																																																																																								
1806	180	1806	180																																																																																																																								
8021	40	8021	40																																																																																																																								
1809	770	2809	385																																																																																																																								
1810	770	2810	385																																																																																																																								
1801	770	2801	385																																																																																																																								
1802	900	1802	900																																																																																																																								
		Other fee (specify) <input type="text"/>																																																																																																																									
		*Reduced by Basic Filing Fee Paid																																																																																																																									
		SUBTOTAL (3) (\$)																																																																																																																									

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	David E. Heisey	Registration No. (Attorney/Agent)	42,651
Signature		Telephone	858-720-6341
		Date	9-1-04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, PO Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.